MONTHLY BULLETIN

OF

THE OBSERVATORY

LIBRARY
DEC 4 - 1943
C 3
WEATHER BUREAU

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.
LONG. E. FROM GREENWICH 35° 28' 10"

JULY, 1943

J. A. BROWN, DIRECTOR

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JULY 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.7	56.6	56.3	56.5	30.8	23.3	26.2	30.3	24.9	27.1
2	6.8	6.7	6.8	6.8	30.7	22.3	26.6	30.0	24.8	27.1
3	7.9	8.1	7.4	7.8	30.7	22.2	26.6	30.4	25.5	27.5
4	6.6	5.5	4.3	5 5	31.2	22.3	26.8	30.6	25.5	27.6
5	2.8	2.4	2.2	2.5	31.2	22.5	26.6	30.8	24.7	27.4
6	53.6	54.4	55.3	54 4	31.5	22.9	28.2	30.6	25.8	28.2
7	5.4	4.5	5.2	5.0	32.0	22.5	27.7	30.5	25.1	27.8
8	3.9	3 8	3.2	3.6	32.0	22.7	27.1	31.2	25.7	28.0
9	3.0	3.2	2.7	3.0	32.0	22.8	26.7	31.6	25.6	28.0
10	4.4	4.0	3.6	4.0	32.0	24.4	27.1	31.3	25.6	28.0
11	54.8	54.8	55.5	55.0	31.5	22.1	27.3	31.0	24.6	27.6
12	6.2	5.9	5.8	6.0	31.0	21.9	27.5	30.6	24.7	27.6
13	6.4	6.3	6.3	6.3	31.1	21.7	25.9	30.2	24.9	27.0
14	5.4	5.1	5.5	5.3	31.9	21.8	26.6	31.6	25.6	27.9
15	5.2	5.3	4.7	5.1	31.8	22.3	27.2	30.9	25.3	27.8
16	55.8	55.8	55.4	55.7	31.8	22.4	27.3	31.3	25.6	28.1
17	5.4	5.2	4.8	5.1	32.4	22.4	26.8	31.2	26.4	28.1
18	5 0	5.2	5.1	5.1	32.0	22.9	27.8	31.6	26.2	28.5
19	5.9	6.2	6.6	6.2	31.4	23.4	27.6	30.6	25.8	28.0
20	7 9	7.9	8.3	8.0	30.6	23.9	26.6	29.6	25.5	27.2
21	59.0	58.7	58.3	58.7	30.5	22.9	26 1	29.6	25.0	26.9
22	7.9	7.4	6 2	7.2	30.9	23.4	26.8	30.1	26.2	27.7
23	4.8	3.5	2.5	3.6	31.8	22.9	27.7	31.6	25.8	28.4
24	1.7	1.4	1.2	1.4	32.5	25.1	27.9	31.2	26.3	28.5
25	2.2	2.8	3.8	2.9	32 5	25.0	27.8	31.7	26.6	28.7
26	55.0	55.8	55.7	55.5	32.4	22.3	28.8	32.1	26.3	29.1
27	6.1	6.1	6.4	6.2	32.3	22.4	26.8	31.4	26.6	28.3
28	6.6	6.4	6.4	6 5	32 6	23.4	27.7	31.2	26.8	28.6
29	5.0	4.8	4 4	4.7	33.0	23.1	28.8	32.4	26.8	29.3
30	4.3	4.4	4.2	4.3	32.8	23.4	27.7	31.7	27.1	28.8
31	4.4	4.7	4.7	4.6	33.2	25.0	28.2	32.6	27.3	29.4
	55.35	55.25	55.12	55.24	31.74	22.95	27.24	31.01	25.76	28.00

Barometer, range for month 751.2 — 759.0 mm.
„ 62-yr. average for month 755.54 mm.
Thermometer, range for month 21.7° C — 33.2° C.
„ 62-yr. average for month 27.92° C.
Rain, total for month 0.0 mm.
„ , 62-yr. average for month 0.51 mm.
„ , total, from Sept. 1st 1131.30 mm.
62-yr. average, total from Sept 1st 884.43 mm.

*Summer time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	18.5	19.3	18.1	18.6	73	59	77	70	12.6	832.0	
2	17.1	18.5	19.0	18.2	65	59	81	68	13.0	488.0	
3	18.7	19.9	21.2	19.9	72	61	87	73	12.8	264.0	
4	20.4	20.2	20.5	20.4	78	61	84	74	13.0	344.0	
5	18.7	20.7	18.7	19.4	72	62	81	72	12.9	304.0	
6	19.8	20.3	16.8	19.0	70	62	68	67	13.2	256.0	
7	18.0	20.4	19.9	19.4	65	59	84	69	13.0	496.0	
8	18.3	20.9	21.7	20.3	69	61	88	73	13.0	720.0	
9	20.0	21.9	20.6	20.8	77	63	85	75	10.9	480.0	
10	19.5	20.6	19.6	19.9	74	60	80	71	12.7	504.0	
11	19.1	18.2	15.9	17.7	71	55	69	65	12.8	728.0	
12	17.1	17.6	17.2	17.3	62	54	74	63	12.7	544.0	
13	15.7	18.0	18.5	17.4	63	56	80	66	13.0	272.0	
14	18.1	19.7	18.6	18.8	70	56	76	67	12.9	312.0	
15	18.9	19.9	20.1	19.6	71	59	83	71	12.7	512.0	
16	19.6	20.7	20.4	20.2	74	60	84	73	12.7	424.0	
17	20.5	21.3	21.5	21.1	78	63	84	75	12.9	472.0	
18	18.8	20.9	20.9	20.2	68	61	83	71	10.4	376.0	
19	19.3	19.7	19.7	19.6	70	60	79	70	8.8	240.0	
20	18.4	18.9	18.6	18.6	70	61	76	69	2.0	211.2	
21	18.3	19.6	19.0	19.0	72	63	80	72	8.7	160.0	
22	19.4	19.5	20.2	19 7	73	61	80	71	5.8	184.0	
23	19.3	18.5	19.0	18.9	70	53	76	66	8.8	248.0	
24	18.7	20.1	21.2	20.0	67	59	84	70	12.4	720.0	
25	17.4	20.0	19.7	19.0	63	57	76	65	11.6	776.0	
26	19.5	21.3	20.1	20.3	66	60	79	68	12.6	912.0	
27	19.1	20.2	20.8	20.0	72	58	80	70	12.7	152.0	
28	20.5	21.7	21.9	21.4	75	64	84	74	12.6	136.0	
29	16.6	22.4	22.2	20.4	57	61	85	68	12.2	432.0	
30	21.4	22.4	22.9	22.2	79	64	86	76	12.3	336.0	
31	21.3	25.4	23.2	23.3	75	70	86	77	12.5	368.0	
	18.90	20.28	19.92	19.69	70.3	60.0	80.6	70.3	11.61	425.90	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	3sw	3sw	4sw	slight	f. over mts. all day
2	0	0	0	0.0	2sw	3sw	2sw	„	„ „ „ „ „
3	1cu	3cu	0	1.3	1sw	2sw	0	light	
4	4cu	0	0	1.3	2sw	3sw	0	„	
5	0	0	0	0.0	3sw	3sw	0	„	
6	0	0	0	0.0	1sw	1sw	0	calm	
7	0	0	0	0.0	2sw	2sw	0	light	
8	0	0	0	0.0	4sw	3sw	2sw	„	
9	0	0	0	0.0	3sw	2sw	1sw	calm	
10	2cu	0	0	0.7	2sw	3sw	2sw	light	h. all day w.at night
11	1cu	0	0	0.3	4sw	3sw	2sw	light	
12	2cu	1cu	0	1.0	2sw	4sw	2sw	slight	
13	0	1cu	0	0.3	3sw	3sw	1sw	light	
14	0	0	0	0.0	2sw	2sw	1sw	calm	
15	0	1cu	0	0.3	2sw	3sw	0	light	
16	0	0	0	0.0	2sw	3sw	0	calm	
17	0	6cicu	0	2.0	1sw	3sw	0	„	
18	0	1ci	0	0.3	2sw	3sw	0	„	
19	1cu	2ci	8cu	3.7	1sw	2sw	1sw	light	
20	8cu	9cu	10cu	7.3	0	2sw	1sw	calm	
21	9cu	2cicu	0	3.7	1sw	2nw	0	calm	
22	8cu	9cu	10cu	9.0	1sw	2sw	0	„	
23	1cu	7cu	2cu	3.3	1sw	3sw	1sw	„	
24	1cu	0	0	0.3	2sw	3sw	3sw	light	
25	3cu	4cu	0	2.3	0	3sw	3sw	calm	f. over mts
26	0	0	0	0.0	4sw	4sw	2sw	light	„ „ „
27	0	0	0	0 0	1sw	2sw	0	calm	
28	1cu	0	0	0.3	1sw	1nw	1n	„	
29	0	1cu	0	0.3	1n	2sw	0	„	
30	0	0	0	0.0	1sw	2sw	0	„	
31	0	0	0	0.0	2sw	2sw	0	„	
				1.21					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	0	0	0	0	28	0	0	2	31
14:30	0	0	0	0	0	29	0	2	0	31
20:30	1	0	0	0	0	15	0	0	15	31
Totals	2	0	0	0	0	72	0	2	17	93

Number of days with rain 0, fog 4, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days